Jameco Part number 142885

142893
142885

SPECIFICATIONS FOR WHITE LED

NSPW series

■ SPECIFICATION

(1) Absolute Maximum Rating (Ta=25°C)

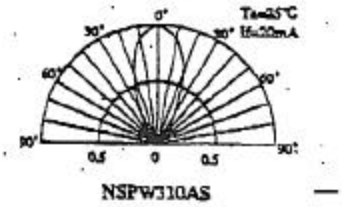
Item	Symbol	Absolute Maximum Rating
Forward Current (mA)	IF	30
Peak Forward Current (mA)	IFP	100
Reverse Voltage (V)	VR	5
Power Dissipation (mW)	PD	120
Operating Temperature (C)	TOP	-30 ~ +80
Storage Temperature (C)	TSTG	-40 ~ +100

IFP Conditions : Pulse Width ?? 10msec. and Duty ≤ 1/10

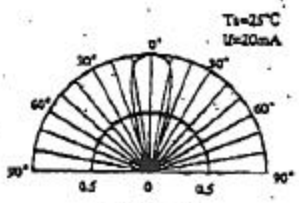
(2) Initial Electrical/Optical Characteristics (IF=20mA, VR=5V,Ta=25°C) ■ Directivity

Item		Symbol	Min.	Typ.	Max.
Forward Voltage	(V)	VF	-	3.6	4.0
Reverse Current	(^{1} A)	IR	-	-	50
Luminous Intensity (mcd)	NSPW310AS	IV	300	600	-
	NSPW510S -	IV	300	600	-
Chromaticity Coordinates		x	-	0.31	-
		y	-	0.32	-

■ Directivity

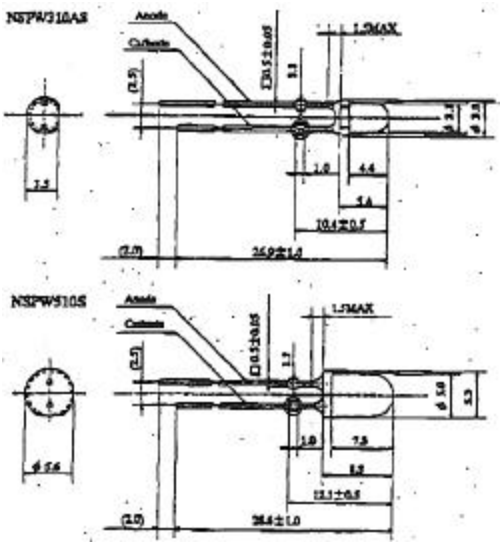


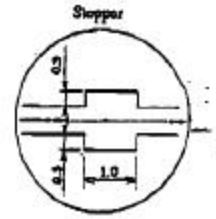
NSPW310AS



NSPW510S

■ Outline Dimensions
Tolerance:±0.2
Unit :mm





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NICHIA

Chromaticity Diagram

Standard Color Coordinates